

IN THE SPECIFICATION:

Please REPLACE the paragraph beginning at page 3, line 17, with the following paragraph:

To solve the above-described and other problems, it is a first-~~object~~ aspect of the present invention to provide a de-interlacing method of improving picture quality by adaptively selecting either a spatio-temporal method of interpolation or a motion compensation method of interpolation according to a motion type.

Please REPLACE the paragraph beginning at page 3, line 21, with the following paragraph:

It is a second-~~object~~ aspect of the present invention to provide a de-interlacing apparatus which adaptively selects either spatio-temporal de-interlacing or a motion compensated de-interlacing according to a motion type.

Please REPLACE the paragraph beginning at page 3, line 24, with the following paragraph:

Additional-~~objects~~ aspects and advantages of the invention will be set forth in part in the description which follows, and, in part, will be obvious from the description, or may be learned by practice of the invention.

Please REPLACE the paragraph beginning at page 4, line 1, with the following paragraph:

To achieve the above and other-~~objects~~ aspects of the invention, there is provided a method of converting an interlaced video signal to a progressive video signal. The method comprises estimating a motion vector of a field to be interpolated and an accuracy of the motion vector using a motion vector between fields, determining existence or non-existence of global motion by analyzing the estimated motion vector, generating a pixel to be interpolated by a first method which performs motion compensation with respect to the field to be interpolated using the estimated motion vector, generating the pixel to be interpolated by a second method using pixels adjacent to the pixel to be interpolated in the field to be interpolated and pixels adjacent to the pixel to be interpolated in fields preceding and succeeding the field including the pixel to be

interpolated, and selectively outputting either the pixel generated by the first method or the pixel generated by the second method according to the estimated accuracy of the motion vector and the determined existence or non-existence of global motion.

Please REPLACE the paragraph beginning at page 4, line 14, with the following paragraph:

To achieve the above and other ~~objects~~ aspects of the invention, there is also provided an apparatus which converts an interlaced video signal to a progressive video signal. The apparatus comprises a motion estimation unit which estimates a motion vector of a field to be interpolated using a motion vector between fields, a motion decision unit which determines existence or non-existence of global motion by analyzing the motion vector estimated by the motion estimation unit, a motion compensated interpolation unit which performs motion compensation with respect to the field to be interpolated using the motion vector estimated by the motion estimation unit to generate a pixel to be interpolated, a spatio-temporal interpolation unit which generates a pixel to be interpolated using pixels adjacent to the pixel to be interpolated in the field to be interpolated and pixels adjacent to the pixel to be interpolated in fields preceding and succeeding the field including the pixel to be interpolated, and an adaptive selection unit which selectively outputs either the pixel generated by the motion compensated interpolation unit or the pixel generated by the spatio-temporal interpolation unit according to the existence or non-existence of global motion determined by the motion decision unit.

Please REPLACE the paragraph beginning on page 5, line 2, with the following paragraph:

The above ~~objects~~ aspects and advantages of the present invention will become more apparent by describing in detail an embodiment thereof with reference to the attached drawings in which: